

**Abstract:**

An improved antenna array is characterized by the following features:

- there are at least two vertically running gaps (5; 5a, 5b, 5c, 5d),
- there are overall at least two and preferably at least three radiators or radiator groups (9; 109a, 109b, 109c, 109d) offset to one another in the vertical direction in one gap (5; 5a, 5b, 5c, 5d) and preferably in all gaps (5; 5a, 5b, 5c, 5d),
- in at least one gap (5; 5a, 5b, 5c, 5d) the arrangement is such that the radiators or radiator groups (9) in this at least one gap (5; 5a, 5b, 5c, 5d) except for at least one radiator or at least one radiator group (109a, 109b, 109c, 109d) are jointly supplied, and
- this at least one radiator or at least one radiator group (109a, 109b, 109c, 109d) is supplied jointly with the radiators or radiator groups (9) of an adjacent gap (5; 5a, 5b, 5c, 5d).

(Figure 1)